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DEPARTMENT OF THE ARMY
OFFICE OF THE SECRETARY OF THE ARMY
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WASHINGTON DC 20310-0107

24 APR 2006

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MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Enterprise Network Operations (NetOps) Integrated Architecture Implementation

1. References:

a. DA General Order No. 3, subject: Assignment of Functions and Responsibilities within Headquarters, Department of the Army, 9 July 2002.

b. DA General Order No. 5, subject: Establishment of U.S. Army Enterprise Technology Command / 9th Army Signal Command, 13 August 2002.

c. AR 25-1, Army Knowledge and Information Technology Management, 15 July 2005.

d. AR 70-1, Army Acquisition Policy, 31 December 2003.

e. Memorandum, HQDA, 20 July 2005, subject: Army Knowledge Management (AKM) Guidance Memorandum, Capabilities – Based Information Technology (IT) Portfolio Governance.

f. DA General Order No. 4, subject: Re-designation of the US Army TRADOC Futures Center as the Army Capabilities Integration Center, 10 Feb 2006.

2. AR 25-1 defines Network Operations (NetOps) as the operations and management of the Army Enterprise Infostructure. This includes the organizations, procedures, and technologies required to monitor, manage, coordinate, and control the Army Enterprise Infostructure for the LandWarNet. This memorandum establishes the Army Enterprise Network Operations (NetOps) Integrated Architecture (AENIA) as the baseline Enterprise NetOps architecture for the Army's LandWarNet. As an integrated architecture the AENIA provides an enterprise level Army statement of NetOps requirements through the Operational, Systems and Technical views.

3. The development of the AENIA supports the roles and responsibilities of the HQDA, CIO/G-6, HQ, Network Enterprise Technology Command (NETCOM) / 9th Army Signal Command and the Army Capabilities Integration Center (ARCIC) as outlined in

SAIS-AON-N

SUBJECT: Enterprise Network Operations (NetOps) Integrated Architecture Implementation

references 1a through 1f above. The AENIA, derived from current Army Doctrine and Joint CONOPS, will provide the warfighting capabilities underpinnings for NetOps systems and functional requirements. The AENIA and system functional requirements for capabilities and components can be found on the HQDA, CIO/G-6, Army Architecture Integration Cell (AAIC) website:

<https://aaic.army.mil/DesktopDefault.aspx?tabid=242>. Access requires registration with the AAIC website.

4. As our Army strives to achieve the objectives of Joint Net-Centric Warfare, Army Transformation and a Modularized Force, we must have an integrated enterprise-wide NetOps architecture to effectively manage both battlefield and business network environments across the Joint operating spectrum. The AENIA is a top to bottom enterprise vision, vice a specific program of record architecture, that will evolve as the Army's Transformation and Modularity concepts, doctrine, architecture and organizations mature.

5. Implementation of the AENIA will require an incremental approach based on program of record schedules and requirements documentation. With the ARCIC validation of the AENIA and integration into requirements development, the AENIA will become an integral element of the requirements process and will support the synchronization of NetOps materiel development across the acquisition community. In the interim to a full implementation of the AENIA and development of the Enterprise Information Environment Mission Area governance, the following processes and procedures will be used to support implementation of the AENIA across the Army:

a. HQDA, CIO/G-6 AONS/AAIC and HQ, NETCOM will establish an action officer level NetOps Configuration Control Board which will include representation from the requirements, materiel development and user communities. This group will address AENIA implementation across current programs of record and future programs in development. The working group will also address the dynamics associated with the crosswalk and synchronization of capabilities and requirements between programs of record. The workgroup will meet not less than semi-annually and should be synchronized with other forums such LandWarNet or Army Tactical Network Modernization conferences. Issues that can not be resolved will be presented to the Army Enterprise Infostructure Management Steering Group for guidance or resolution.

b. Through the functions of the NetOps Configuration Control Board and implementation of the AENIA across the Army; Program Executive Offices (PEOs), operating agencies and Army organizations who are developing requirements or specifications for NetOps acquisitions will utilize the AENIA system functional requirements specifications to support their source selection decisions.

SAIS-AON-N

SUBJECT: Enterprise Network Operations (NetOps) Integrated Architecture Implementation

c. Program Executive Offices (PEOs) will act as the office of primary responsibility for AENIA implementation and utilization across their respective programs.

d. Army organizations and operating agencies will use PEO-level validated NetOps systems when feasible. When selecting a non-validated NetOps system, the selecting authority will confirm that system specifications correspond to AENIA system functional requirements and selections will be vetted with the AENIA Working Group as required.

e. The NetOps Configuration Control Board will evaluate and make recommendations on testing considerations for Enterprise-level functionality and interoperability. The working group will consider the best venue for testing based the system requirements and functionality. The goal is to leverage program of record testing requirements and supporting agencies (Army Testing and Evaluation Command, Joint Interoperability and Test Command, Test and Integration Cell, Central Test Support Facility) to validate AENIA compliance.

6. These processes and procedures will apply to Active Army, Army National Guard, and the Army Reserve.

7. The CIO/G-6 point of contact is LTC Mark Flasch at commercial: (703) 602-5689, DSN: 332-5689 or e-mail: mark.flasch@us.army.mil.



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